



VA PITTSBURGH HEALTHCARE SYSTEM
UNIVERSITY DRIVE DIVISION

EXTERIOR SIGN DESIGN DEVELOPMENT PROGRAM
RESEARCH OFFICE BUILDING

01.28.10



The VAPHS exterior sign system has been designed using a selected group of common graphic elements, materials, and finishes to accomplish a visual standard.

The graphic elements include the VAPHS signature, three versions (weight and style) of the Futura typeface and specific custom symbols. Visual standards include: color and finishes, and letter size in relation to viewing distance.

These standards become the component building blocks around which signs are configured. They have been produced to provide a functional consistency in signs for the VAPHS campus.



This booklet has been developed as a Program Guide recognizing the responsibility to provide an appropriate exterior Environmental Graphics Design Program at the UNIVERSITY DRIVE DIVISION of the VA PITTSBURGH HEALTHCARE SYSTEM. An effective Environmental Graphics Design Program also reinforces the image of the Department of Veterans Affairs.

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SECTION 1

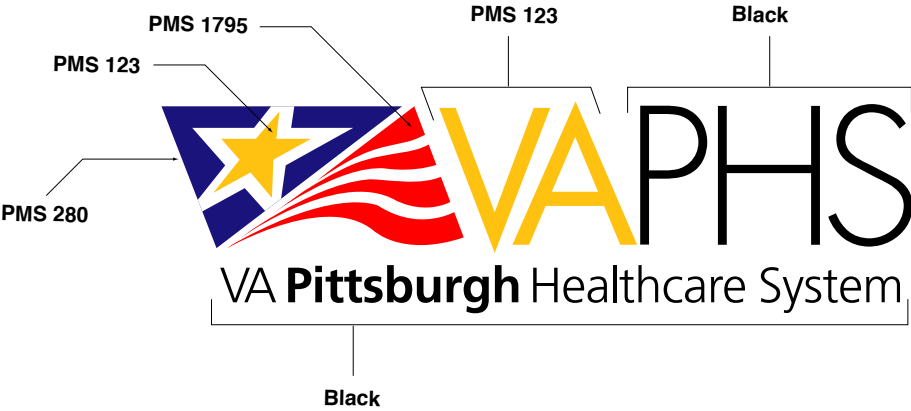
DESIGN COMPONENTS

Color
The standard color palette used is for general selection of vinyl and paint finishes as described in individual drawing specifications.

Colors shown are intended for visual reference and do not neccacarily depict exact color matching.

| Color# | Description | Specification | |
|--------|-------------------------------|-------------------------------|-------------|
| T1 | Reflective White | Vinyl | <div></div> |
| T2 | Gloss Black | Vinyl | <div></div> |
| T3 | Red | Vinyl | <div></div> |
| T4 | Sapphire Blue | Vinyl | <div></div> |
| T5 | VA Yellow | Vinyl (Match PMS 123) | <div></div> |
| | | | |
| B1 | White | Matthews Acrylic Polyurethene | <div></div> |
| B2 | VA Blue | Match PMS 280C | <div></div> |
| B3 | VA Red | Match PMS 1795C | <div></div> |
| B4 | Translucent White | Lexan | <div></div> |
| B5 | Translucent Red | Lexan | <div></div> |
| B6 | Translucent Yellow | Lexan | <div></div> |
| B7 | Translucent Blue | Lexan | <div></div> |
| | | | |
| P1 | White | Matthews Acrylic Polyurethene | <div></div> |
| P2 | VA Blue | Match PMS 280C | <div></div> |
| P3 | VA Red | Match PMS 1795C | <div></div> |
| P4 | VA Yellow | Match PMS 123C | <div></div> |
| | | | |
| F1 | Clear Anodized Satin Aluminum | | <div></div> |
| F2 | Black Oxidized Aluminum | | <div></div> |
| F3 | Blue Painted Aluminum | Match PMS 280C | <div></div> |

Signature
The signature which includes the VAPHS logo icon and the text shall be presented in a manner consistent with the Department of Veterans Affairs graphic standards. Adjacent configuration is the acceptable use with the logo icon. Any enlargements or reductions shall always hold porportion.



Typeface
Futura Book is the standard
typeface selected and will
be used predominantly
throughout the sign program.

Futura Book

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

Futura Demi

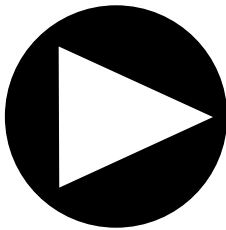
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

Futura Bold

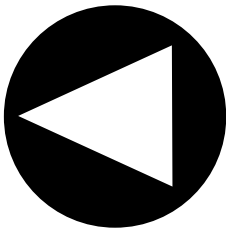
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

Arrow
Illustrations show the prescribed
arrow for use in this program. The
standard position for arrows, in
relation to text, is on the left of
the text line.

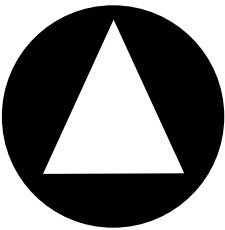
The arrow size is shown in scale
on all drawings.



Position 1
Direction Right



Position 2
Direction Left



Position 3
Direction Straight

Viewing Distance Guide

The adjacent charts are to provide assistance in determining the size of lettering to be used in relation to the distance that a sign is going to be read.

These charts are general and there may be situations that would require deviation.

Exterior Signs

| Viewing Distance Up To: | | Letter Height | | Application |
|----------------------------|------|---------------|--------|---|
| 7.5 M | 25' | 25 mm | 1" |  |
| 12 M | 40' | 40 mm | 1 1/2" |  |
| 15 M | 50' | 50 mm | 2" |  |
| 24 M | 80' | 75 mm | 3" |  |
| 33 M | 110' | 100 mm | 4" |  |
| 48 M | 160' | 150 mm | 6" |  |
| 75 M | 250' | 225 mm | 9" |  |
| 97.5 M | 325' | 300 mm | 12" |  |
| 150 M | 500' | 450 mm | 18" |  |
| 195 M | 650' | 600 mm | 24" |  |

Symbols

| Viewing Distance Up To: | | Letter Height | |
|----------------------------|------|---------------|-----|
| 7.5 M | 25' | 75 mm | 3" |
| 10.5 M | 35' | 100 mm | 4" |
| 15 M | 50' | 125 mm | 5" |
| 18 M | 60' | 150 mm | 6" |
| 30 M | 100' | 200 mm | 8" |
| 34.5 M | 115' | 225 mm | 9" |
| 39 M | 130' | 250 mm | 10" |
| 45 M | 150' | 300 mm | 12" |

Exterior Sign Types

The following nomenclature is used to identify sign types. It has been developed to easily identify a sign type, size, and function.

- E

Designates an exterior sign.
- I

Identifies that the sign is internally illuminated.
- N

Identifies that the sign is non-illuminated and has reflective graphics.
- 01

Two digit numbers identifies a particular sign type family.
- .1

The number following the period identifies a specific sign within the family.
- A

The letter designates a specific sign configuration and/or layout for graphics.

Sign Type 01 - Monument Sign for Identification

Sign Type 02 - Directional Monument Sign

Sign Type 03 - Post and Panel Sign for Identification

Sign Type 04 - Post and Stacking Bar Sign for Directional Information

Sign Type 05 - Single Post Identification, Informational and Directional Sign

Sign Type 06 - Wall Mounted Signs

Sign Type 07 - Dimensional Letters

Sign Type 08 - Parking Identification

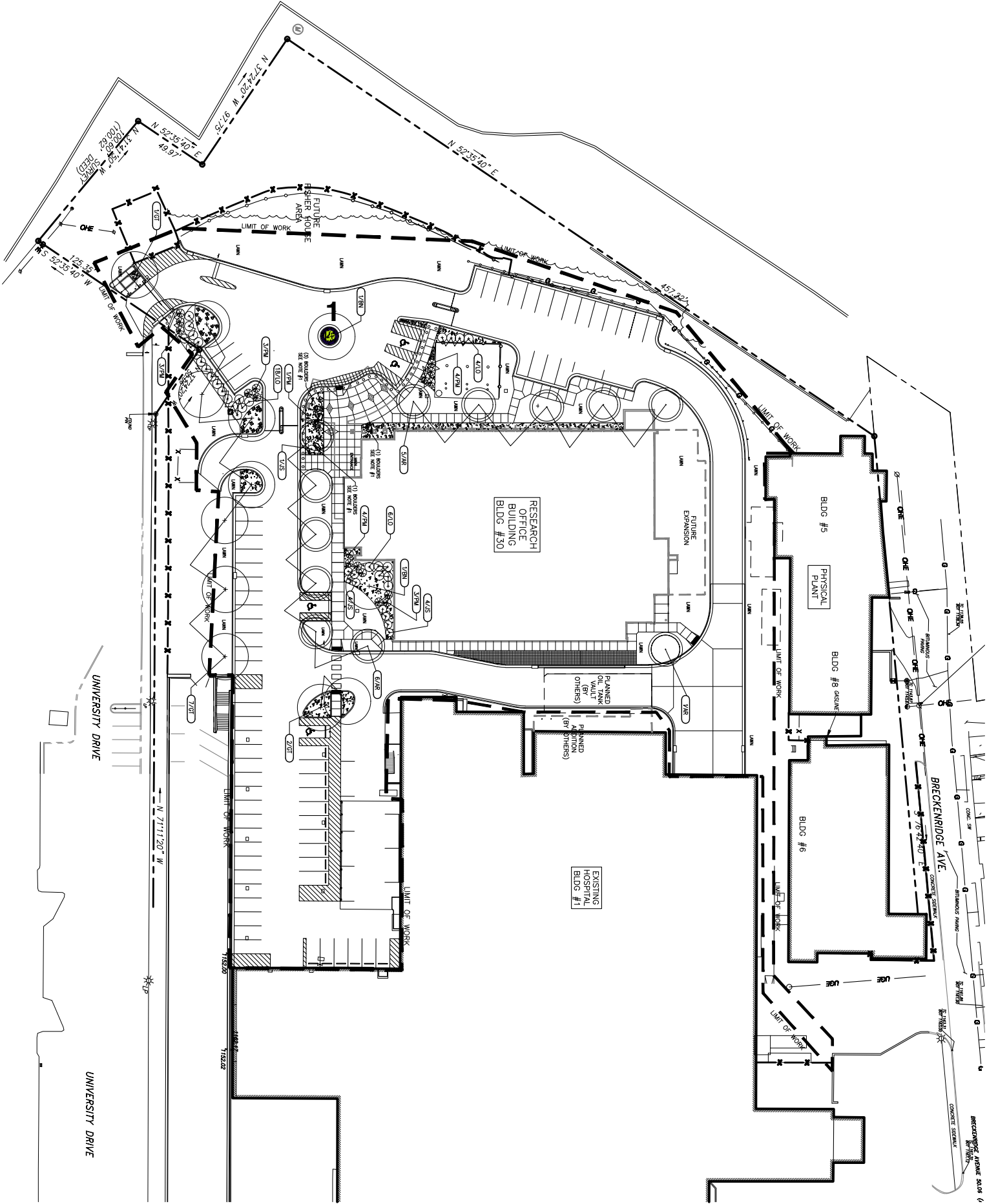
SIGN SCHEDULE

| | Dwg. # | Qty. | Message Front | Message Back |
|---|--------|------|---------------|--------------|
| 1 | EI01.4 | 1 | (see drawing) | |

Legend

- Illuminated Monument Signs - Type 01

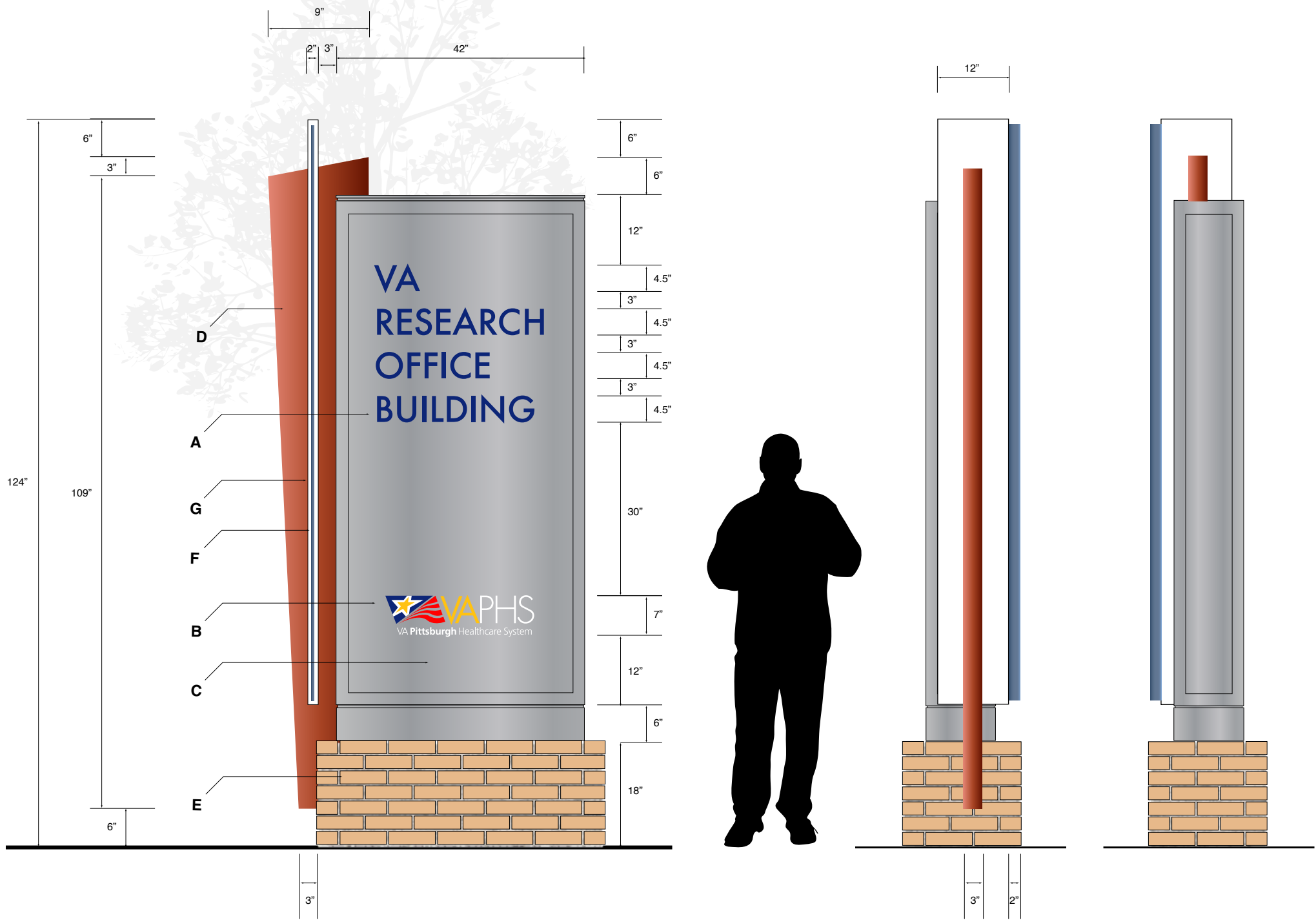
SIGN PLAN





SECTION 2

EXTERIOR SIGNS



Description

Unicor/290 Illuminated exterior sign to meet VA and Federal Government Standards

Sign Use & Application

Monumental Informational Sign directed specifically to drivers.

Message Configuration
(Refer to message layout on this drawing)

Graphic Process

Routed logo and letters. Diffused backing for illumination. See detail drawings for electrical and mechanical illustrations.

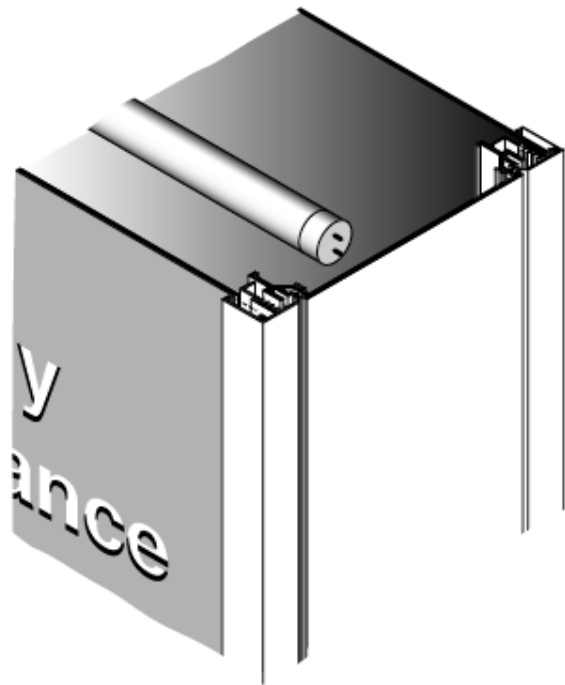
Color/Materials

A: B7 - Routed Letter
B: B4,B5,B6,B7 - Routed VA Logo
C: F1 - Aluminum Cabinet
D: F1 - Anodized Aluminum painted to match red insulated metal panel on building

E: Brick to match building facade
F: Spandrel Glass to match building
G: Aluminum sunshade painted white

Typeface

Futura Book
VAPHS Logo Identity

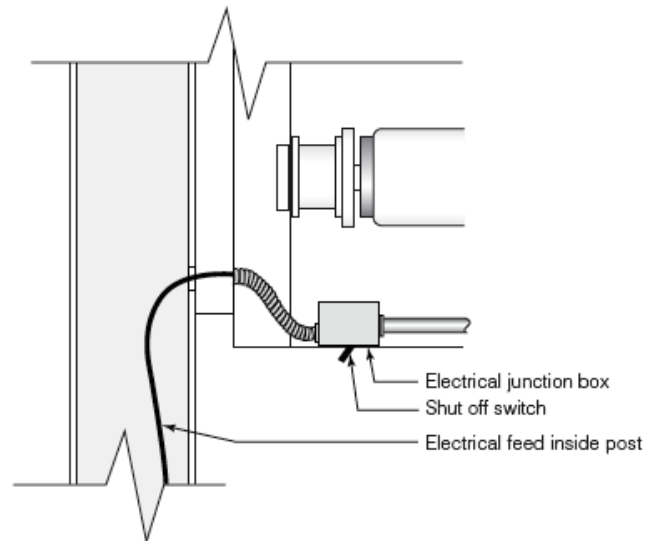


Internally Illuminated Monument Sign

Sign is constructed with an illuminated double faced sign cabinet mounted to a masonry base with a reveal between the base and the cabinet.

Sign face is aluminum with “route out” graphics backed with a translucent diffuser.

Illumination is by internal florescent lamping 9” on center. Sign face sits within a hinged/ removable frame which will allow for replacement of the sign face without disassembly or abandonment of entire sign. Sign is to be constructed to conform to UL requirements.



Internally Illuminated Sign Electrical

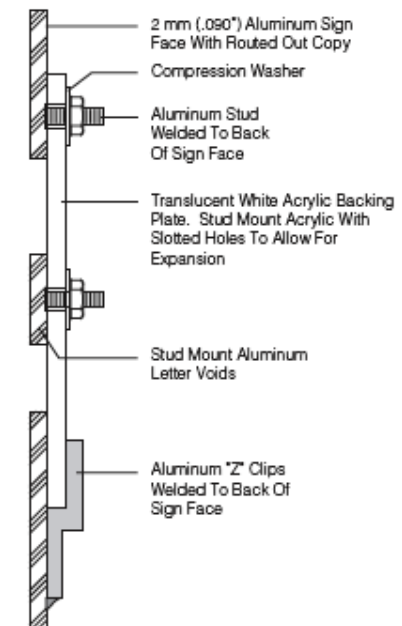
Electrical connections to illuminated signs are to be made in a junction box that is located adjacent to the sign .

Junction boxes are not to be installed on the sides of cabinets or mounted on posts.

Exposed conduit is not to be mounted to the exterior of sign cabinets or posts.

All illuminate signs are to conform to Underwriter Laboratories Standard 48 for Electric Signs

Use 277 Single Phase for illuminated signs listed in this booklet.



Internally Illuminated Route-out Graphics

Illuminated signs with route out aluminum sign faces require white translucent diffusers.

The translucent acrylic or polycarbonate diffusers are to be mechanically fastened to the sign face.

Letter voids of “a b d o p q r a b d e g o p q” are to be mechanically fastened to the diffuser.

Diffusers are not to be installed on a sign face using any type of tape or adhesive system.

ARCHITECTURE

ENGINEERING

INTERIOR DESIGN

DESIGN/BUILD

ASTORINO



UNIVERSITY DRIVE DIVISION

SPECIFICATION DETAILS

21 SEPTEMBER 2009

SD